

**ABSTRACT**

Disclosed is a nucleic acid molecule from nematodes encoding for phosphoglycerate mutase (PGM) polypeptides. The PGM-like polypeptide sequence is also provided, as are vectors, host cells, and recombinant methods for production of PGM-like nucleotides and polypeptides. The invention further relates to screening methods for identifying inhibitors and/or activators, as well as methods for antibody production. Such inhibitors are useful for control nematode infection.

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